

In the Claims

Please rewrite Claims 30 and 35 as follows:

30. (twice amended) A system for imaging a section of a medium which receives and returns light from the section and from sites adjacent to the section, said system comprising:

optics for directing light in beams of different polarization in said medium along an imaging plane inside the medium and collecting returned light from the medium, wherein said optics further comprise an objective, and said light directed into the medium and said returned light collected from the medium share substantially said objective;

means for generating an image of the section from said returned light in response to a polarization parameter of said returned light; and

wherein said beams are overlapping in said medium outside the imaged section to reduce the part of said returned light from the sites adjacent said section on opposite sides of said section in the direction of propagation of the beams.

35. (twice amended) A method for imaging a section of a medium which receives and returns light from the section and from sites adjacent to the section, said method comprising the steps of:

directing light in beams of different polarization in said medium along an imaging plane inside the medium;

collecting returned light from the medium, in which said light directed into said medium and said returned light collected from said medium substantially share a common objective;

generating an image of the section from said returned light in response to a polarization parameter of said returned light; and

wherein said beams are overlapping in said medium outside the image section to reduce the part of said returned light from the sites adjacent said section on opposite sides of said section in the direction of propagation of said beams.

Remarks

The specification at page 7 has been amended to describe that the light directed into the sample and the returned light from the sample substantially share the same objective. This is not new matter as this is clearly evident in FIG. 2 by the light rays through objective 30, and the description on page 7, lines 1-19, of the light focused and light returned by objective 30. Also, typographical errors have been corrected on lines 10 and 14 of page 7 to remove a "." and ",", respectively. Accordingly, entry of the amended specification is requested.